1982 editorial index

AUTOMATIC TEST AND INSPECTION

Wire harness testing	Jan p. 42
Board testing with ATE	May p. 20
Burn-in—the way to reliability	Aug p. 22
Computer-controlled life testing	Sept p. 48
Getting a handle on handlers	Oct p. 43
The 17th clock	Nov p. 24

INSPECTION

A routine check-up	Jan p. 66
Radiography and the digital computer	Feb p. 36
Electrical safety testing	Feb p. 39
Testing heats up	Mar p. 18
On impact	Mar p. 75
Project your production	Apr p. 33
Sound advice	Apr p. 50
Reducing inspection costs	May p. 50
Servicing for safety	May p. 54
A surface view, part I	Jun p. 16
Catering calibration	Jun p. 46
Measurement productivity	Jun p. 58
A skip-lot sampling plan	Aug p. 26
A surface view, part 2	Sept p. 26
NDT at USAir	Sept p. 42
Automation comes to visual inspection	Oct p. 16
Roundness—the straight story	Oct p. 35
Sensing leakage	Dec p. 18

MANAGEMENT

The hard facts	Jan p. 20
"Key"—a product and a philosophy	Jan p. 42
The quality/productivity connection	Feb p. 22
Finder or preventor?	Feb p. 56
Inside the circle	Mar p. 68
Product quality—a prescription for the West	Apr p. 16
Advertising awareness	Apr p. 26
Developing competent managers	Apr p. 68
Capitalism and quality—an interview with Malcolm Forbes	May p. 14
Product liability—progress for the consumer	May p. 42
What is a professional?	May p. 46
A quality summit	Jun p. 34
Quality—a productivity plan	Aug pp. Q1-Q16
Introduction	Aug p. Q1
The motivation	Aug p. Q2
A model	Aug p. Q2
A measure	Aug p. Q9
Yield tracking	Aug p. Q10
Goal setting	Aug p. Q12
Automation planning	Aug p. Q14
A talk with Dorian	Sept p. 18
Common causes of QCC failures	Oct p. 30
Quality and productivity—the education gap	Oct p. 50
Tapping a "natural resource"	Nov p. 15
The keys to financial ease	Nov p. 28
Inching towards metrication	Nov p. 40
The 3 C's of quality	Dec p. 28
This quality program holds water	Dec p. 38

PROCUREMENT

Establishing vendor certification	Feb p. 44
Quality from the source	Apr p. 54

PROCESS QUALITY CONTROL

Programming for control	Mar p. 38
Quality is the catalyst	Apr p. 47
Lab assures raw materials	Apr p. 72
Controlling plating bath chemistry	May p. 38
Quality by feedback	Oct p. 53
Fitting the mold	Nov p. 46

Q.C. IN MANUFACTURING

Managing records	Jan p. 54
Improved connections	Mar p. 67
The eye of the beholder	Apr p. 38
Quality interacts	May p. 32
Prevention in the balance	May p. 34
Electrostatic prevention costs	Jun p. 29
Wire assembly ATE	Jun p. 40
Giving quality a hand	Aug p. 13
An extra step for quality	Sept p. 36
Dealing with rejection	Nov p. 66
Consumer product quality	Dec p. 14
Controlling quality control	Dec p. 36

QUALITY ENGINEERING

Sample preparation	Jan p. 48
Power-line integrity	Feb p. 28
Increasing industrial productivity	Mar p. 28
Color me calibrated	Mar p. 62
Variation management	Dec p. 34

RELIABILITY ENGINEERING

STRIFE testing	Nov p. 53

SPECIAL FEATURE

1981 editorial index	Jan p. 59
1982 Measurement Science Conference Preview	Jan p. 63
Pittsburgh Conference Preview	Feb p. 60
Second annual Quality Expo TIME	Mar p. 52
Quality Expo TIME special features	
1982 QET program	Apr p. Q1-Q96
So you're going to the show—now what?	Apr p. 61
Maps to O'Hare Expo Center	Apr p. 63
Expo TIME exhibitor products	Apr p. 97
Quality circle reference file	Jun p. 53
US rallies for product quality	Jul p. 12
Vendor evaluation checklists	Jul p. 336
LABCON '82 preview	Sept p. 53
ISA '82 preview	Oct p. 58
IEEE International Test Conference '82 preview	Nov p. 56

BASIC TRAINING REVIEW

Defect control	Jan p. 71
Variables inspection	Feb p. 67
A "trick" for the trade	Mar p. 77
Hello, hello, are you there?	Mar p. 77
Quality audit rating system	Apr p. 77
Nomograph for sample with zero defects	Apr p. 78
Graphing a variables inspection plan	May p. 61
Zero defects and statistics	Jun p. 63
Measuring flatness	Aug p. 32
Computer programs simplify statistical calculations	Sept p. 64
Interpreting trend charts	Oct p. 67
Computerizing quality	Nov p. 69

INSTRUMENTATION SCOUTING REPORT

New coordinate measuring machines	Jan p. 69
Thread inspection aid	Feb p. 71
Oscilloscope calibration software	Feb p. 71

Testing microprocessor-based systems Mar p. 78
Portable data terminal Mar p. 81
Coating thickness measurement system Mar p. 81
Hardness tester measures with energy Apr p. 83
Servo controls maintain strain rate Apr p. 84
Thermocouple/millivolt calibrator May p. 58
Spring testing retrofit May p. 59
Vibrating wire mass sensor Jun p. 60
Digital universal caliper Jun p. 61
Spline gage checks go/no-go conditions simultaneously Aug p. 29
Computerized test system for axles Aug p. 29
Automated distributed control Sept p. 61
Instrumentation for preproduction engine parts Sept p. 62
Digital controller regulates curing oven temperatures Oct p. 68
In-line hardness test system Oct p. 68
Electronic parts counting system Oct p. 69
Automatic color monitoring Nov p. 72
Thermal test system Nov p. 72
Ultrasonic thickness gage checks uniformity of plastics Nov p. 73
Computerized label printer Dec p. 41
Glass reticle calibration scale Dec p. 42

EDITORIAL COMMENT

Inspector or sorter? Jan p. 5
These are the good times Feb p. 5
Snow predicted Mar p. 5
Quality rendezvous Apr p. 5
Raindrops on the roof May p. 5
Good training— wrong trainee Jun p. 5
Appian Way—quality or overdesign Jul p. 5
Let's stop suckin' our thumbs Aug p. 5
Quality in magic/magic in quality Sept p. 5
Worlds apart Oct p. 5
Wrong number? Nov p. 5
Purpose before profit Dec p. 5

QUALITY AND THE LAW

The perils of advertising Jan p. 73
Disposal warnings Feb p. 73
Optional safety devices Mar p. 83
Know your environment of use Apr p. 89
Calling on the new troops—computers May p. 65
Statutes of repose tested Jun p. 67
Design experts and liability woes Jul p. 19
Federal tort reform reborn Sept p. 69
Product safety policies—a comment Oct p. 77
Risk in the courts Nov p. 61

TIME

Evaluating the process Jan p. 75
The X chart Mar p. 87
Paperless control charts Apr p. 93
Sampling with Poisson Jun p. 65
A look at the normal curve Jul p. 23
More on the normal sample Aug p. 35
A look at process capability Dec p. 49

THE QUALITY SCENE

Quality by communication Jan p. 77
The triumph of statistics Feb p. 75
The flight to Japan Mar p. 85
America vs. Japan Apr p. 91
Notes from Ouchi, part I May p. 67
Notes from Ouchi, part II Jun p. 69
Outnumbered again Jul p. 17
Sociology and quality control Aug p. 37
Ambiguity, uncertainty and imperfection! Sept p. 71
On the line Oct p. 73
What do quality control charts control? Nov p. 63
Who are the innovators? Dec p. 45

MANAGEMENT VIEWPOINT

Making time to plan Feb p. 77
Speak easy: some practical guidelines Mar p. 89
Apply the scientific approach to management Apr p. 95
Managing the extraordinary mission with a task force May p. 69
Are you blocking productivity? Jun p. 71
Divide and delegate Jul p. 21
Putting it in writing: a critical executive skill Aug p. 39
Planning and human resources in troubled times Sept p. 73
Declare war on bureaucracy Oct p. 82
Accentuate the positive Nov p. 65
Executive decision-making Dec p. 47

ONE LAST WORD

Ya gotta understand and be educated Sept p. 112
Konstantin's letter to his son Oct p. 112
"Quality is a business problem," says Dr. Juran Nov p. 104

AUTHORS

Amstutz, Hu Oct p. 35
Anderson, Phil Apr p. 42
Bailey, R.A. Nov p. 53
Best, Larry Jun p. 58
Blakeslee, Douglas Oct p. 43
Bobrowski, Robert Mar p. 43
Branst, Lee Dec p. 28
Brede, L.E. May p. 32
Brooks, Charles A. Dec p. 14
Burbridge, Henry K. Mar p. 77
Butrick, Frank M. Apr p. 68
Clark, Raymond H. Aug p. Q10
Coombes, B.J. Nov p. 46
Cox, David C. Aug p. 26
Cross, Jack Dec p. 8
Davidson, Dennis Apr p. 38
Del Vecchio, Paul Dec p. 36
Denis, B.J. Nov p. 66
Dixon, Robert F. Jun p. 29
Doumaux, Jay Dec p. 38
Dovich, Robert A. Sept p. 64
Egan, Georgette Mar p. 18
Feigenbaum, Armand V. Aug p. Q2
Gebhardt, Chuck Mar p. 62
Gilbert, R.A. Nov p. 53
Hambleton, H. William Aug p. 32
Harrington, H. James Nov p. 69
Hayes, Glenn E. Oct p. 50
Nov p. 15
Healy, Jim Nov p. 24
Hershfield, Walton N. Feb p. 28
Hoffman, Fred A. Jun p. 53
Howell, Vincent W. Apr p. 27
Huet, Alain Jun p. 58
Hummel, W.H. May p. 61
Hunt, Robert Apr p. 54
Imberman, Woodruff Oct p. 30
Jackson, John P. Oct p. 10
Jones, Granville H. Apr p. 77
Jontz, Mel Mar p. 68
Joshi, Mohan Nov p. 40
Juran, J.M. Apr p. 16
Kemp, Bill Mar p. 68
Kerr, John Dec p. 11
Lefevre, Henry L. Oct p. 67
Ludewig, Bernd May p. 36
Mesniaeff, Peter G. Mar p. 44
Midas, Michael T. Feb p. 22
Aug p. Q9
Mielke, Robert J. Apr p. 28
Miller, Larry W. May p. 46
Norris, Jack Oct p. 10
Ott, Ellis R. Mar p. 28
Pearson, Eric R. May p. 50
Peterson, Gene P. Feb p. 56
Posedel, Rhea J. Aug p. 22
Rambo, J.E. May p. 54
Rishel, Lew Mar p. 77
Rittorno, Wayne Oct p. 53
Rose, Manning I. Feb p. 39
Rose, Richard N. Apr p. 72
Schweber, Bill Mar p. 39
Shaffer, James Apr p. 33
Shainin, Dorian Jan p. 71
Sharp, Bill Jun p. 58
Sillyman, Steven Oct p. 10
Slack, Thurman J. Aug p. 13
Smith, Dale Apr p. 7
Spaulding, William H. Feb p. 36
Taylor, Alfred P. Aug p. Q14
Treadgold, Richard Aug p. Q12
Van de Zande, Charles Jun p. 63
Walter, Craig Jan p. 42
Wang, Show Chi Feb p. 67
Washam, Terry Mar p. 28
Watland, Arne L. Mar p. 40
Wendeln, Donald Dec p. 34
Wong, Ron May p. 38

For a copy of this article circle 8 on reader information card. Requests will be honored until supply is exhausted.

Circle 181 on reader information card →